

WHAT IS CLAIMED IS:

1. A Distributed Commerce Utility providing
administrate and support services to electronic community
participants, the Distribute Commerce Utility comprising:
 - 5 at least one Commerce Utility System providing a secure
execution space, the Commerce Utility System performing at least
one component based service function, the component based service
function comprising at least one secure component for execution
within the secure execution space; and
 - 10 a communications facility permitting the Commerce
Utility System to communicate secure control information with at
least some of the electronic community participants.
2. A Distributed Commerce Utility as in claim 1
15 wherein the secure execution space comprises a protected processing
environment.
3. A Distributed Commerce Utility as in claim 1
wherein the secure execution space comprises a hardware based
20 secure processing unit.
4. A Distributed Commerce Utility as in claim 1
wherein the Commerce Utility System provides a rights operating

system, and the service function executes as an application of the rights operating system.

5 5. A Distributed Commerce Utility as in claim 1
wherein the Commerce Utility System comprises plural physically
separated secure protected processing environments, and the service
function is distributed between the plural protected processing
environments.

10 6. A Distributed Commerce Utility as in claim 1
wherein the secure component includes at least one reciprocal
method instance for cooperation with at least one further reciprocal
method instance operating at a remote location.

15 7. A Distributed Commerce Utility as in claim 1
wherein the service function includes at least one financial clearing
operation.

20 8. A Distributed Commerce Utility as in claim 1
wherein the service function includes at least one usage information
clearing operation.

25 9. A Distributed Commerce Utility as in claim 1
wherein the service function includes at least one rights and
permissions clearing operation.

10. A Distributed Commerce Utility as in claim 1
wherein the service function includes at least one certifying authority
operation.

5

11. A Distributed Commerce Utility as in claim 1
wherein the service function includes at least one secure directory
services operation.

10

12. A Distributed Commerce Utility as in claim 1
wherein the service function includes at least one transaction
authority process control operation.

15

13. A Distributed Commerce Utility as in claim 1
wherein the service function includes at least one security checkpoint
operation.

20

14. A Distributed Commerce Utility as in claim 1
wherein the service function comprises a combination of
independent, scalable operations defined by at least one business
model.

25

15. A Distributed Commerce Utility as in claim 1
wherein the service function includes at least one payment
aggregation operation.

16. A Distributed Commerce Utility as in claim 1 wherein the service function includes at least one payment disaggregation operation.

5

17. A method of distributing at least one administrative or support service operation comprising:

providing a reciprocal control method comprising first and second elements;

10 performing, based on the first element, at least a part of a first service operation within a first protected processing environment;

15 performing, based on the second element, at least a part of the second service operation within a second protected processing environment; and

reciprocally coupling the first and second elements to provide an overall distributed administrative or support service operation.

20

18. A method as in claim 17 wherein the reciprocally coupling step comprises performing at least one interactivity technique from the set of intermediation, authentication to proceed, notification and prior authorization.

19. A transaction authority for controlling a process involving plural participants, the transaction authority comprising:

a commerce utility system architecture including an event notification database; and

5 a communications facility that communicates event notifications between the plural participants and the transaction authority,

wherein the transaction authority performs at least one service process based at least in part on the event notification
10 database to monitor and/or direct the activities of at least one of the plural participants.

20. An electronic system comprising:

at least one consumer electronic appliance having at
15 least one protected processing environment; and

a distributed commerce utility coupled to the consumer electronic appliance, the distributed commerce utility providing at least one clearing operation, the distributed commerce utility distributing at least a portion of the clearing operation into the
20 consumer electronic appliance protected processing environment.

add
A'